

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Navy	DATE: February 2011
---	----------------------------

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				PE 0204201N: CG(X)							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	21.439	-	-	-	-	-	-	-	-	0.000	21.439
3106: <i>Combat System Integration</i>	3.895	-	-	-	-	-	-	-	-	0.000	3.895
3107: <i>CG(X) Development</i>	17.544	-	-	-	-	-	-	-	-	0.000	17.544

A. Mission Description and Budget Item Justification

This Program Element (PE) provided funds for development of CG(X), the CG(X) program has been cancelled. The CG(X) was focused on providing multi-mission capabilities as the follow-on to the CG-47 class as they reach the end of their service life.

The CG(X) program has been canceled due to a projected high cost and risk in its combat system technology and design. Instead of procuring CG(X), the Navy is considering other options including maturing the air and missile defense radar program and using technologies from other similar kinds of ships such as DDG-1000 and DDG-51 destroyers.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	45.400	-	-	-	-
Current President's Budget	21.439	-	-	-	-
Total Adjustments	-23.961	-	-	-	-
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-23.895	-			
• SBIR/STTR Transfer	-0.496	-			
• Congressional General Reductions	0.430	-	-	-	-
Adjustments					

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2012 Navy								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0204201N: CG(X)				PROJECT 3106: <i>Combat System Integration</i>			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
3106: <i>Combat System Integration</i>	3.895	-	-	-	-	-	-	-	-	0.000	3.895
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification This project encompassed efforts for the integration of the CG(X) Combat System, C4I, Air, and Ship systems including materiel analysis, technology development, and integration of the Mission Systems into the CG(X) Mission System. Integration efforts included communications, electronics, air, command and control, interface requirements, definition, system integration, and test and evaluation.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
Title: Acquisition and Requirements Documentation <div align="right">Articles:</div>								2.200 0	-	-	
FY 2010 Accomplishments: Conducted feasibility analysis to evaluate capabilities and cost based on requirements allocation. Defined and completed FY 2010 National Defense Authorization Act requirements to include a technology roadmap for surface combatants.											
Title: Technology Risk Reduction <div align="right">Articles:</div>								1.100 0	-	-	
FY 2010 Accomplishments: Conducted risk reduction for technology elements in total ship system integration, including technology maturity and integration risks.											
Title: Total Ship Systems Engineering <div align="right">Articles:</div>								0.595 0	-	-	
FY 2010 Accomplishments: Supported Total Ship Systems Engineering (TSSE) with maturation of mission system architecture functional allocation and integration requirements to support materiel solution analysis, including total ship system capabilities.											
Accomplishments/Planned Programs Subtotals								3.895	-	-	
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2012 Navy		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0204201N: CG(X)	PROJECT 3106: <i>Combat System Integration</i>

E. Performance Metrics

N/A

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2012 Navy								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0204201N: CG(X)				PROJECT 3107: <i>CG(X) Development</i>			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
3107: <i>CG(X) Development</i>	17.544	-	-	-	-	-	-	-	-	0.000	17.544
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification This project encompassed efforts for total ship system development. These development efforts included materiel analysis, technology development, systems engineering, computer program development, interface design, technical documentation, and system testing to ensure a fully functional CG(X) system design.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
Title: Acquisition & Requirements Development <div style="text-align: right;">Articles:</div> FY 2010 Accomplishments: Developed requirements, capabilities, cost, and technical feasibility of the total ship system to support materiel solution analysis. Refined program documentation to support CG(X) decision reviews (Gate and Milestone). Defined and completed FY 2010 National Defense Authorization Act requirements to include a technology roadmap for surface combatants.								13.770 0	-	-	
Title: Technology Risk Reduction <div style="text-align: right;">Articles:</div> FY 2010 Accomplishments: Conducted risk reduction for Technology Elements including technology maturity and manufacturing feasibility in support of materiel solution analysis.								3.774 0	-	-	
Accomplishments/Planned Programs Subtotals								17.544	-	-	
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics N/A											

UNCLASSIFIED